

INFORMATION DISCLOSURE CITATION				Attorney Docket No.: 013306-04-5003-US		Application No.: 09/891,615	
(Use several sheets if necessary)				Applicants: Ian Duncan RUBIN <i>et al.</i>			
PTO Form 1449				Filing Date: June 27, 2001		Group: 1654 1623	
U.S. PATENT DOCUMENTS							
Examiner Initial	Document Number	Date	Name	Class	Sub Class	Filing Date	
mcf	4,652,553	March 24, 1987	Hagmann <i>et al.</i>	—	—		
mcf	5,175,154	December 29, 1992	Schwartz <i>et al.</i>	—	—		
FOREIGN PATENT DOCUMENTS							
	Document Number	Date	Country	Class	Sub Class	Translation Yes No	
mcf	2 771 105	05/21/1999	FRANCE	—	—		X
↓	1 099 444 A1	05/16/2001	EP	—	—	X	
	WO 98/46243	10/22/1998	PCT	—	—	X	
OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)							
Examiner <i>Michelle C. Fernald</i>				Date Considered <i>4/1/2005</i>			
Examiner: Initial if reference considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication.							

RECEIVED
 FEB 25 2003
 TECH CENTER 1600/2900

INFORMATION DISCLOSURE CITATION

Attorney Docket 060616-5003

Application No. 09/891,615

(Use several sheets if necessary)

Applicants: Ian Duncan RUBIN *et al.*

Page 1 of 4

PTO Form 1449

Filing Date: June 27, 2001

Group Art Unit: 1654

U.S. PATENT DOCUMENTS

Initial		Document No.	Date	Name	Class	Sub-Class	Filing Date
mcf	1	US 4185116	January 22, 1980	Barnish, et al.	514	567	August 30, 1978
	2	US 4302447	November 24, 1981	Horrobin	424	642	October 30, 1979
	3	US 4302477	November 24, 1981	Mendy, et al.	426	250	November 25, 1980
	4	US 4393049	July 12, 1983	Horrobin	424	643	June 10, 1981
	5	US 4584289	April 22, 1986	Jarreau, et al.	514	182	August 12, 1983
	6	US 4882315	November 21, 1989	Chiodini, et al.	514	26	October 29, 1987
	7	US 4883410	November 28, 1989	Goddard <i>et al.</i>	417	69	January 17, 1989
	8	US 4931463	June 5, 1990	Barbier, et al.	514	422	December 17, 1987
	9	US 5175186	December 29, 1992	Barbier, et al.	514	449	March 19, 1990
	10	US 5246960	September 21, 1993	Barbier, et al.	514	422	September 14, 1992
	11	US 5364636	November 15, 1994	Ochi	424	456	April 1, 1992
	12	US 5516516	May 14, 1996	Cherksey	424	773	May 23, 1994
	13	US 5605698 A	February 25, 1997	Ueno	424	420	December 5, 1994
	14	US 5693327	December 2, 1997	Shah	424	734	July 12, 1995
	15	US 5698199	December 16, 1997	Mori, et al.	424	734	March 5, 1996
	16	US 5798101	August 25, 1998	Haveson	424	730	May 1, 1997
	17	US 5824668	October 20, 1998	Rubinfeld, et al.	514	170	November 7, 1996
	18	US 5908609	June 1, 1999	Lee, et al.	424	92	June 10, 1996
	19	US 6100048	August 8, 2000	Cone, et al.	435	721	September 4, 1996
	20	US 6309853	October 30, 2001	Friedman, et al.	435	69.1	June 7, 1995
	21	US 6376657	April 23, 2002	Van Heerden, et al.	536	5	October 13, 1999
	22	US 6488967	December 3, 2002	Hakkinen, et al.	424	725	October 18, 2000
V	23	US 20020146468	October 10, 2002	Rubin, et al.	424	725	June 27, 2001

FOREIGN PATENT DOCUMENTS

		Document No.	Date	Country	Class	Sub-Class	Translation
mcf	24	EP 00069439	January 12, 1983	Europe	—	—	
	25	EP 0101383 A	February 22, 1984	Europe	—	—	
	26	EP 0123456	October 31, 1984	Europe	—	—	
	27	EP 0154639	September 18, 1985	Europe	—	—	
	28	EP 0218953	April 22, 1987	Europe	—	—	
	29	EP 0219156	April 22, 1987	Europe	—	—	
	30	EP 0224151	June 3, 1987	Europe	—	—	
	31	EP 0296574	December 28, 1988	Europe	—	—	
	32	EP 0749657	December 27, 1996	Europe	—	—	
V	33	EP 0703731	April 8, 1998	Europe	—	—	

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, etc.)

Examiner

Date Considered

Examiner: Initial if reference considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

INFORMATION DISCLOSURE CITATION (Use several sheets if necessary) PTO Form 1449				Attorney Docket 060616-5003		Application No. 09/891,615	
AUG 19 2004 PATENT & TRADEMARK OFFICE				Applicants: Ian Duncan RUBIN <i>et al.</i>		Page 2 of 4	
				Filing Date: June 27, 2001		Group Art Unit: 1654	

U.S. PATENT DOCUMENTS							
Initial		Document No.	Date	Name	Class	Sub-Class	Filing Date

FOREIGN PATENT DOCUMENTS							
		Document No.	Date	Country	Class	Sub-Class	Translation
mc	34	WO 85 00970	March 14, 1985	EPO	—	—	
	35	WO 90 14827	December 13, 1990	EPO	—	—	
	36	WO 94 24149	October 27, 1994	EPO	—	—	
	37	WO 95 00041	January 5, 1995	EPO	—	—	
	38	WO 95 00161	January 5, 1995	WO	—	—	
	39	WO 97 15671	May 1, 1997	WO	—	—	
	40	WO 97 47316	December 18, 1997	WO	—	—	
	41	WO 98 10068	March 12, 1998	WO	—	—	
	42	WO 98 20121	May 14, 1998	WO	—	—	
	43	WO 98 27113	June 25, 1998	WO	—	—	
	44	WO 98 28335	July 2, 1998	WO	—	—	
	45	WO 98 42747	October 1, 1998	WO	—	—	
	46	JP 58194818	November 12, 1983	Japan	—	—	Abstract
	47	JP 8832028	December 17, 1996	Japan	—	—	Abstract
	48	HU P 98 03039 A			—	—	Translation
	49	HU P 99 02670 A			—	—	Translation

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, etc.)		
mc	50	Pappe, L. "A description of South African forest trees and arborescent shrubs used for technical and economical purposes" 1862 Ward & Co., London
	51	Laidler, P.W. "The magic medicine of the hottentots" <i>S. Afr. J. Sci.</i> 25 (1928) 433-447
	52	White & Sloane, "The Stapelieae" Vol. III, 2nd edition, 1937, the Abbey San Eucino Press (Pasadena), pp 1000-1002
	53	Tschesche, R. <i>et al.</i> "Über pflanzliche Herzgifte, XXX. Mitteil. : Neue Glykoside aus den Blättern von <i>Digitalis purpurea</i> und <i>Digitalis lanata</i> " <i>Chemische Berichte</i> 88 (1955) 1569-1576
	54	The Medicinal and Poisonous Plants of Southern and Eastern Africa, J M Watt, MG Breyer-Brandwijk, Second Edition, 1962, page 138
	55	Heller, M. <i>et al.</i> "Electrophilic Addition to the delta-14 Double Bond of a Steroid" <i>Steroids</i> 3 (1964) 193-201
	56	Mitsuhashi, H. <i>et al.</i> "Studies on the Constituents of Asclepiadaceae plants. XIII. Epimerization at C-17 and Optical Rotatory Dispersion Study of C/D Cis Pregnane2one Derivatives" <i>Steroids</i> 4 (1964) 483-493
	57	Borowski, E. <i>et al.</i> "Chemical Studies on Amphotericin B. II. 2-methylheptadecanedioic acid from perhydrogenated amphotericin B" <i>Tetrahedron Letters</i> 9 (1965) 473-478
	58	Mitsuhashi, H. <i>et al.</i> "Constituents of Asclepiadaceae plants. XVI. Components of <i>Metaplexis japonica</i> " <i>Chem. Pharm. Bull.</i> 13 (1965) 1332-1340
	59	Mitsuhashi, H. <i>et al.</i> "Constituents of Asclepiadaceae plants. XVI. Components of <i>Metaplexis japonica</i> " <i>Chemical Abstracts</i> 65 (1966) XP002084116
	60	Nikaido, H. <i>et al.</i> "Components of <i>Bouceriosa aucheriana</i> DECNE" <i>Chem. Pharm. Bull.</i> 15 (1967) 725-726
	61	Tschesche, R. <i>et al.</i> "Über Digitalglykoside, 15. Synthese von 12.alpha.20R-Epoxy-5.alpha.,14.beta.,beta.-H-pregnanen" <i>Chemische Berichte</i> 100 (1967) 464-479
	62	Ok, M. <i>et al.</i> "Intramolecular interaction between hydroxyl groups and carbonyl moiety in keto-alcohols" <i>Bulletin of the Chemical Society of Japan</i> 41 (1968) 176-182

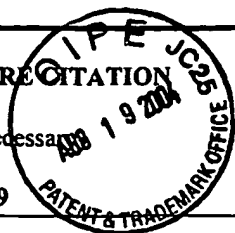
Examiner	Date Considered
	7/7/2005

Examiner: Initial if reference considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

INFORMATION DISCLOSURE CITATION

(Use several sheets if necessary)

PTO Form 1449



Attorney Docket 060616-5003

Application No. 09/891,615

Applicants: Ian Duncan RUBIN *et al.*

Page 3 of 4

Filing Date: June 27, 2001

Group Art Unit: 1654

U.S. PATENT DOCUMENTS

Initial	Document No.	Date	Name	Class	Sub-Class	Filing Date

FOREIGN PATENT DOCUMENTS

Document No.	Date	Country	Class	Sub-Class	Translation

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, etc.)

mc	63	Mitsuhashi, H. <i>et al.</i> "Constituents of Asclepiadaceae plants. XXV. Components of <i>Cynanchum boerhavifolium</i> " <i>Yagugaku Zasshi</i> 89 (1969) 1352-1357
	64	Mitsuhashi, H. <i>et al.</i> "Constituents of Asclepiadaceae plants. XXV. Components of <i>Cynanchum boerhavifolium</i> " <i>Chemical Abstracts</i> 72 (1970) XP002084115
	65	Yoshii E. <i>et al.</i> "Preg-14-en-20-ones. Facile preparation and 14.beta-hydroxylation" <i>Chemical Abstracts</i> 77 (1972) XP002084118, abstracting <i>Chem. Pharm. Bull.</i> 20 (1972) 1827-1829
	66	Bando, H. <i>et al.</i> "Constituents of Asclepiadaceae plants. XXXI. Component of <i>Stapelia grandiflora</i> " <i>Chem. Pharm. Bull.</i> 22 (1974) 1209-1211
	67	Bruyns, P.V. "Notes on Trichocaulon and Hoodia" <i>Nat. Cact. & Succ. J.</i> 35 4 (1980) 102-106
	68	De Rick, A. <i>et al.</i> "Digoxin-quinidine interaction in the dog" <i>J. Vet. Pharmacol. Ther.</i> 43 (1981) 215-218
	69	Namiki, Shinjuro <i>et al.</i> "Studies on the a-glucoside hydrolase inhibitor, adiposin. I. Isolation and Physicochemical properties" <i>The Journal of Antibiotics</i> 35 (1982) 1234-1236
	70	Wada, <i>et al.</i> "Studies on the constituents of Asclepiadaceae plants. L. Two new oligoglycosides, cynanchoside C2 and cynanchoside CI, from <i>Cynanchum caudatum</i> Max." <i>Chem. Pharm. Sci.</i> 30 (1982) 3500-3504
	71	Dolle, R.E. <i>et al.</i> "Total synthesis of elfamycins: aurodox and efrotomycin. 1. Strategy and construction of key intermediates" <i>J. Am. Chem. Soc.</i> 107 (1985) 1691-1694
	72	Dolle, R.E. <i>et al.</i> "Total synthesis of elfamycins: aurodox and efrotomycin. 2. Coupling of key intermediates and completion of the synthesis" <i>J. Am. Chem. Soc.</i> 107 (1985) 1695-1698
	73	Habermehl, G.G. <i>et al.</i> "Rearrangement of 14.beta.-hydroxy-12.beta.-sulfoxy steroids to 13,17-seco-12,17-cyclosteroids; a 2D-NMR analysis" <i>Z. Naturforsch.</i> 40b (1985) 656-660
	74	Deepak, D. <i>et al.</i> "A new pregnane glycoside from <i>Periploca calophylla</i> " <i>Indian Journal of Chemistry, Section B</i> 25b (1986) 44-45
	75	Templeton, J.F. <i>et al.</i> "Progesterone Derivatives That Bind to the Digitalis Receptor: Synthesis of 14.beta.-Hydroxyprogesterone. A Novel Steroid with Positive Inotropic Activity" <i>J Med. Chem.</i> B 30 (1987) 1502-1505
	76	Hayashi, K. <i>et al.</i> "Four pregnane glycosides, boucerosides AI, AII, BI and BII, from <i>Boucerosia aucheriana</i> " <i>Phytochemistry</i> 27 (1988) 3919-3924
	77	Trivedi, R. <i>et al.</i> "A pregnane ester oligoglycoside from <i>Oxystelma esculentum</i> " <i>Phytochemistry</i> 28 (1989) 1211-1213
	78	Tanaka, T. <i>et al.</i> "Studies on the constituents of Asclepiadaceae plants. Part 71. Pregnane glycosides from <i>Boucerosia aucheriana</i> " <i>Phytochemistry</i> 29 (1990) 229-237
	79	Chen, J. <i>et al.</i> "A novel C2 I steroidal glycoside from <i>Marsdenia incisa</i> " <i>Chemical Abstracts</i> 115 (1991) XP002084119
	80	Chen, J. <i>et al.</i> "A novel C21 steroidal glycoside from <i>Marsdenia incisa</i> " <i>Yunnan Zhiwu Yanjiu</i> 13 (1991) 231-232
	81	Glendinning, J.I. "Effectiveness of cardenolides as feeding deterrents to <i>Peromyscus</i> mice" <i>Chemical Abstracts</i> 117 (1992) XP002084117
✓	82	Glendinning, II. "Effectiveness of cardenolides as feeding deterrents to <i>Peromyscus</i> mice" <i>J Chem. Ecol.</i> 18 (1992) 1559-1575

Examiner

Michelle A. Good

Date Considered

4/4/2005

Examiner: Initial if reference considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Initial		Document No.	Date	Name	Class	Sub-Class	Filing Date
FOREIGN PATENT DOCUMENTS							
		Document No.	Date	Country	Class	Sub-Class	Translation
OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, etc.)							
mc7	83	Plowes, D.C.H. "A Preliminary Reassessment of the Genera Hoodia and Triehocaulon (Stapelieae: Asclepiadaceae)" <i>Asklepios</i> 56 (1992) 5-15					
	84	Bruyns, P. "A Revision of Hoodia and Lavrania (Asceepiadaceae - Stapelieae)" <i>Botanische Jahrbucher fur systematik Pflanzengeschichte and Pflanzengeographie</i> 1152 (1993) 145-270					
	85	Miwa H, et al. "Structural determinants of the melanocortin peptides required for activation of meianocortin-3 and melanocorin-4 receptors" <i>Journal of Pharmacology and Experimental Therapeutics</i> 273 (1995) 367-372					
	86	Chen S.W. et al. "The hyperphagic effect of 3.alpha-hydroxylated pregnane steroids in male rats" <i>Pharmacology, Biochemistry and Behaviour</i> 53 (1996) 777-782					
	87	von Koenen, Eberhard "Heil-, Gift- and eßbare Pflanzen in Namibia" Klaus Hess Verlag 1996. page 131, entry no. 293.					
	88	Yoshikawa, K. et al. "Steroidal glycosides from the fresh stem of <i>Stephanotis lutchuensis</i> var. <i>japonica</i> (Asclepiadaceae). Chemical structures of stephanosides A-J" <i>Chem. Pharm. Bull.</i> 44 (1996) 1790-1796					
	89	Yoshikawa, K. et al. "Steroidal glycosides from the fresh stem of <i>Stephanotis lutchuensis</i> var. <i>japonica</i> (Asclepiadaceae). Chemical structures of stephanosides K-Q" <i>Chem. Pharm. Bull.</i> 44 (1996) 2243-2248					
	90	Haskell-Luevano, C, et al. "Discovery of Prototype Peptidomimetic Agonists at the Human Melanocortin Receptors MC1R and MC4R" <i>J. Med. Chem.</i> 40 (1997) 2133-2139					
	91	Huszar, D. et al. "Targeted Disruption of the Melanocortin-4 Receptor Results in Obesity in Mice" <i>Cell</i> 88 (1997) 131-141					
	92	Fan, W. et al. "Role of melanocortinergic neurons in feeding and the <i>agouti</i> obesity syndrome" <i>Nature</i> 385 (1997) 165-168					
	93	Barnett, A. "In Africa the Hoodia cactus keeps men alive. Now its secret is stolen to make us thin." <i>The Observer</i> 17 June 2001.					
	94	Tulp, Orien Lee et al. "Effect of Hoodia Plant on Food Intake and Body Weight in Lean and Obese LA/Ntvl/cp Rats" <i>Experimental Biology</i> 2001 @ Abstracts 2.1-537.42 Part 1338.5					
	95	Hargreaves, B. and Queen Turner "Uses and Misuses of Hoodia" <i>Asklepios</i> 86 (2002) 11-16					
	96	"Stomach staples, gastric bypass ops, power-assisted liposuction..." <i>The Telegraph</i> 14 February 2004					
Examiner		Date Considered					
Nicholas C. Flann		4/4/2005					
Examiner: Initial if reference considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.							

